

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033018.D
 Acq On : 23 Nov 2022 14:39
 Operator : JC/MD
 Sample : N5730-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT158S1-20221118

Quant Time: Nov 24 04:06:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

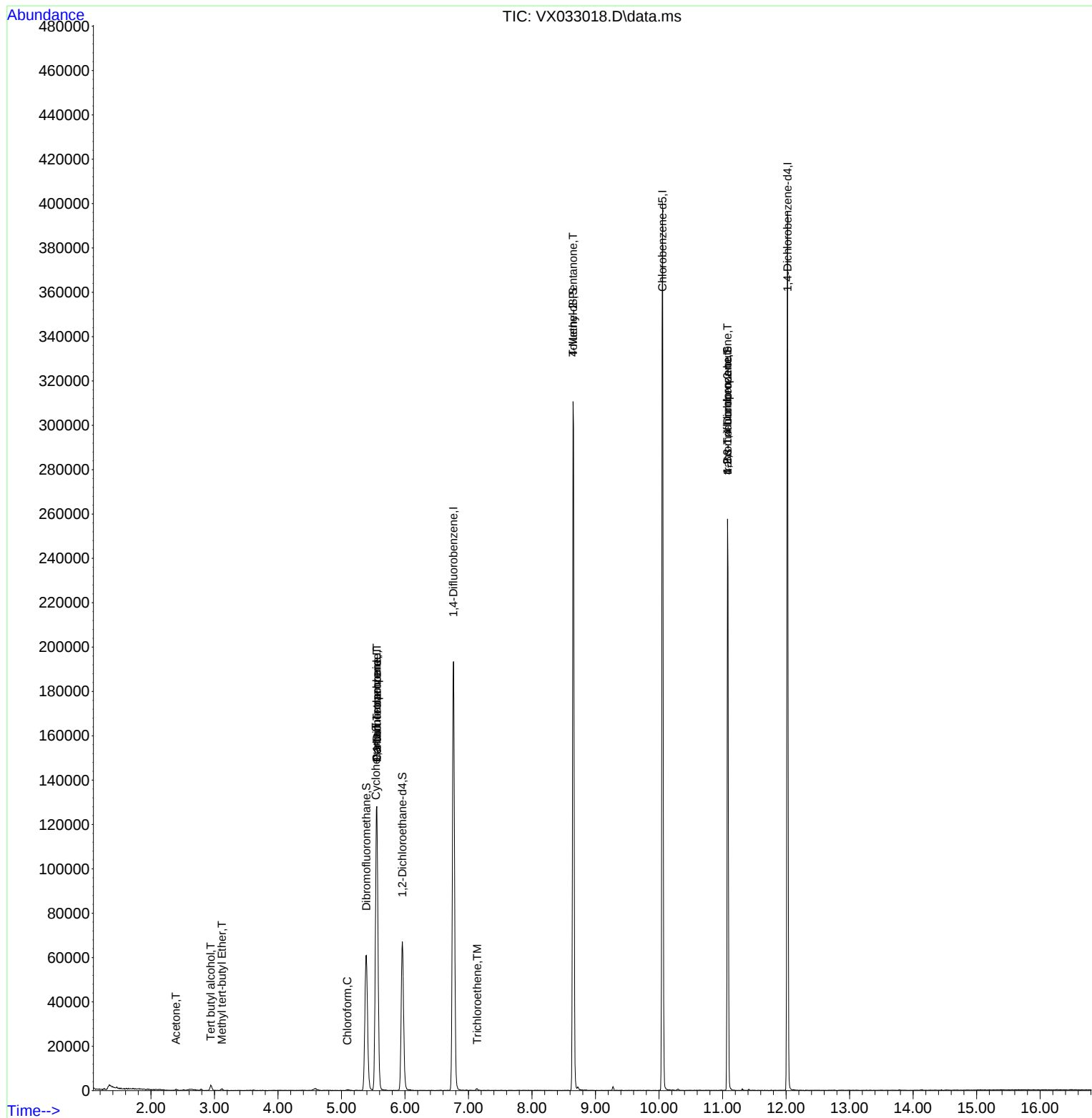
Internal Standards						
1) Pentafluorobenzene	5.556	168	121653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194814	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68268	57.926	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.860%			
35) Dibromofluoromethane	5.391	113	53431	48.649	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.300%			
50) Toluene-d8	8.647	98	184491	56.092	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 112.180%#			
62) 4-Bromofluorobenzene	11.079	95	65310	45.269	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.540%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	1439	7.662	ug/l #	72
16) Acetone	2.392	43	757	1.368	ug/l #	78
19) Methyl tert-butyl Ether	3.117	73	760	0.206	ug/l #	90
20) Methylene Chloride	2.782	84	272	Below Cal	#	51
30) Chloroform	5.093	83	545	0.228	ug/l	91
31) Cyclohexane	5.544	56	2664	1.388	ug/l #	31
36) 1,1-Dichloropropene	5.556	75	9570	5.449	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12700	6.519	ug/l #	16
44) Trichloroethene	7.135	130	364	0.263	ug/l	77
51) 4-Methyl-2-Pentanone	8.647	43	886	0.567	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35281	23.353	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35281	75.907	ug/l #	6

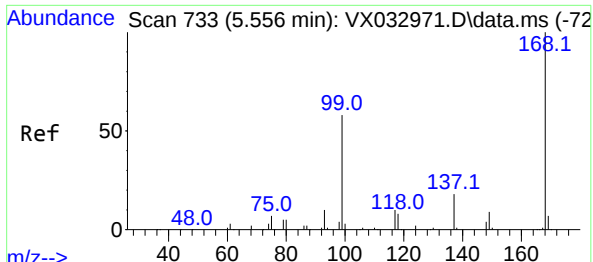
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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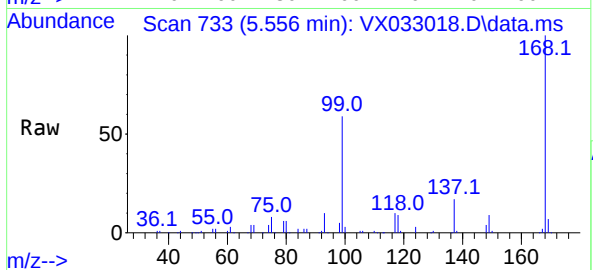
Quant Time: Nov 24 04:06:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
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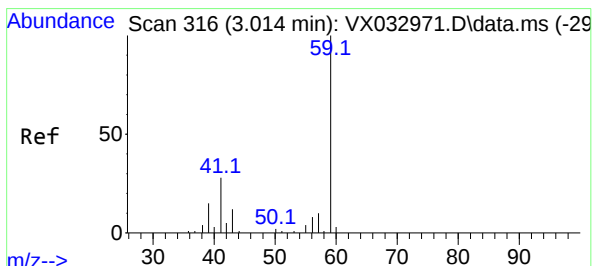
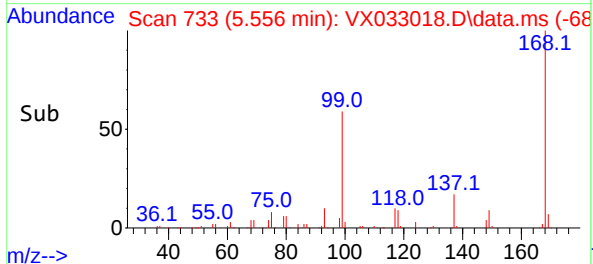
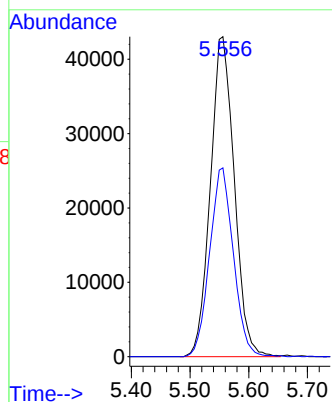


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033018.D
Acq: 23 Nov 2022 14:39

Instrument :
MSVOA_X
ClientSampleId :
TT158S1-20221118

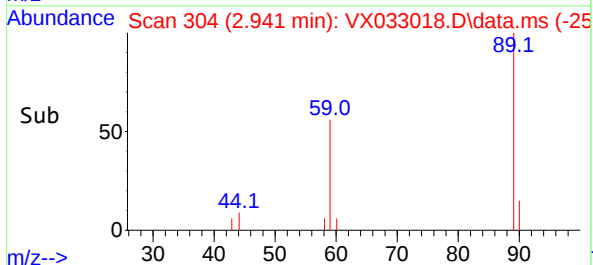
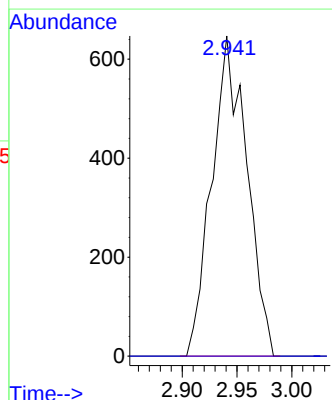
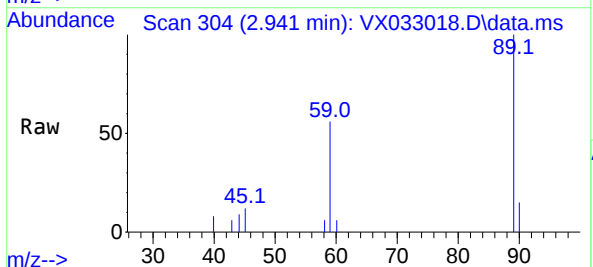


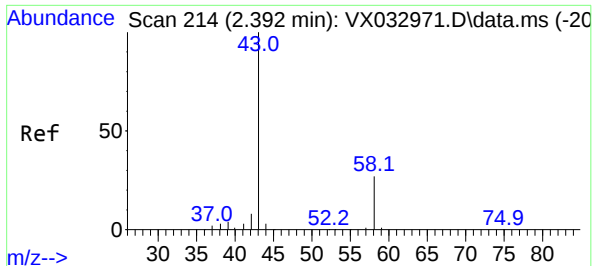
Tgt Ion:168 Resp: 121653
Ion Ratio Lower Upper
168 100
99 59.0 46.1 69.1



#11
Tert butyl alcohol
Concen: 7.662 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX033018.D
Acq: 23 Nov 2022 14:39

Tgt Ion: 59 Resp: 1439
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

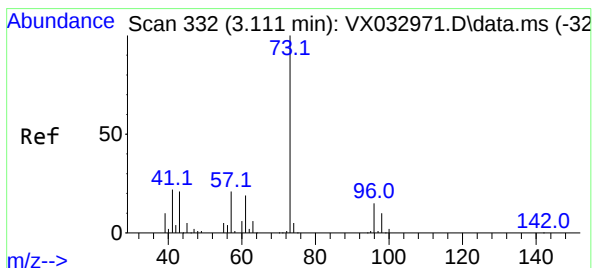
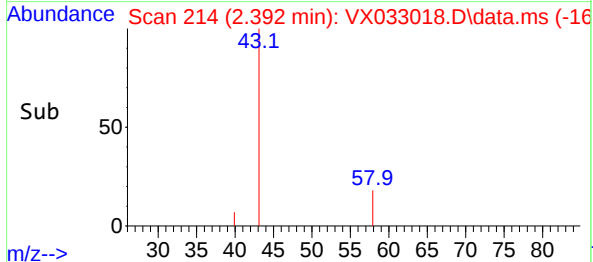
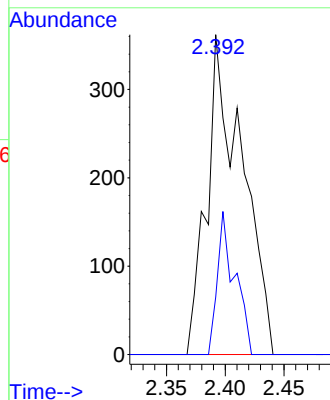
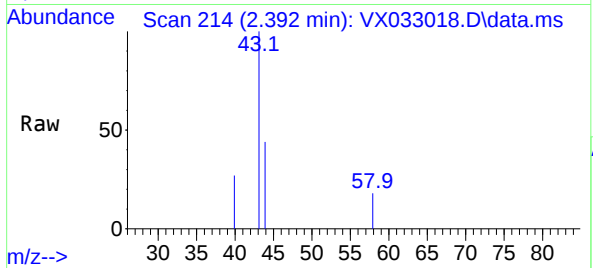




#16
Acetone
Concen: 1.368 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033018.D
Acq: 23 Nov 2022 14:39

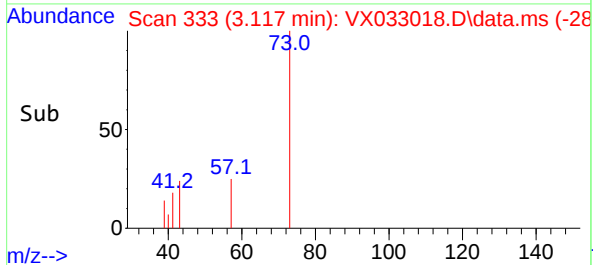
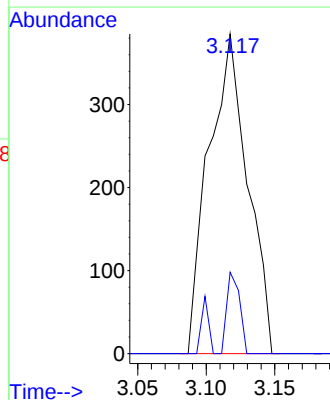
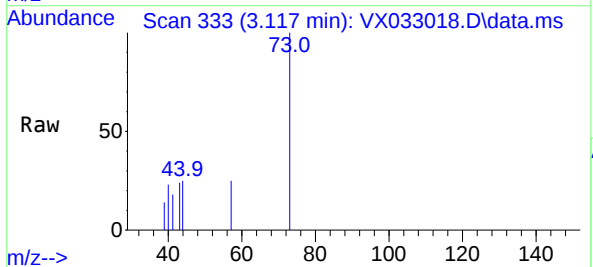
Instrument : MSVOA_X
ClientSampleId : TT158S1-20221118

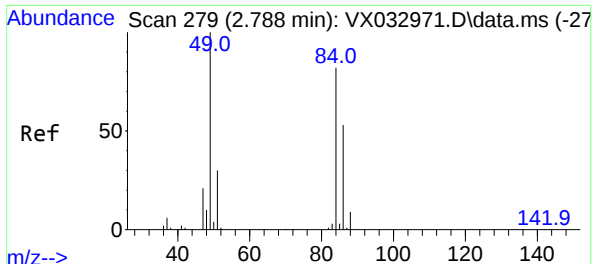
Tgt Ion: 43 Resp: 757
Ion Ratio Lower Upper
43 100
58 18.0 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 0.206 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX033018.D
Acq: 23 Nov 2022 14:39

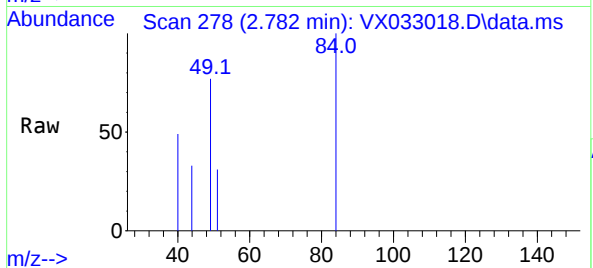
Tgt Ion: 73 Resp: 760
Ion Ratio Lower Upper
73 100
57 25.5 16.6 25.0#





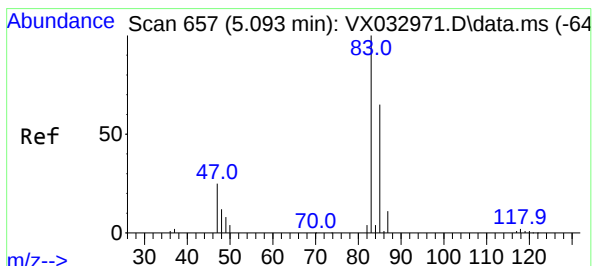
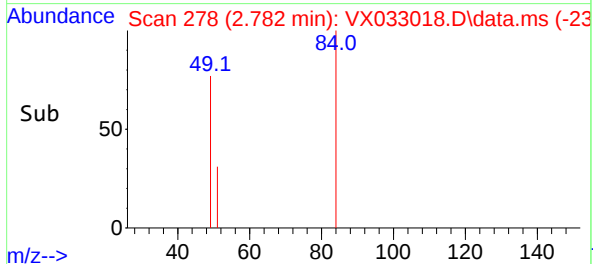
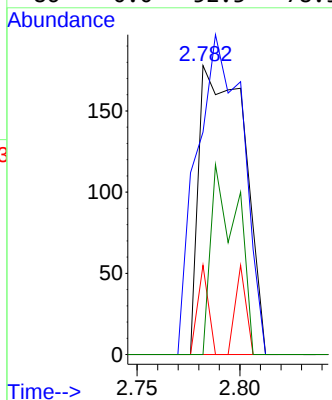
#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX033018.D
Acq: 23 Nov 2022 14:39

Instrument :
MSVOA_X
ClientSampleId :
TT158S1-20221118



Tgt Ion: 84 Resp: 272

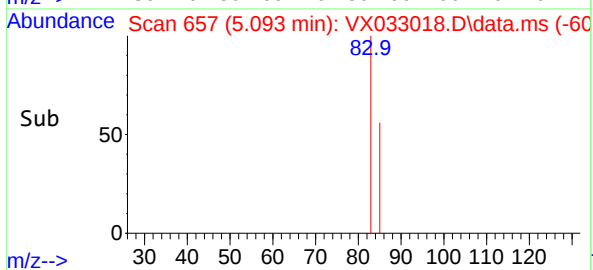
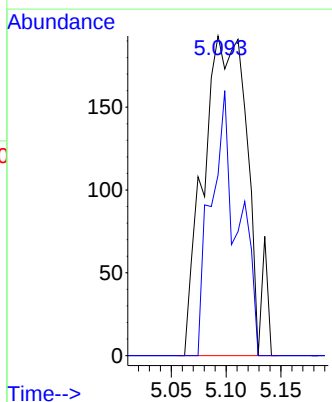
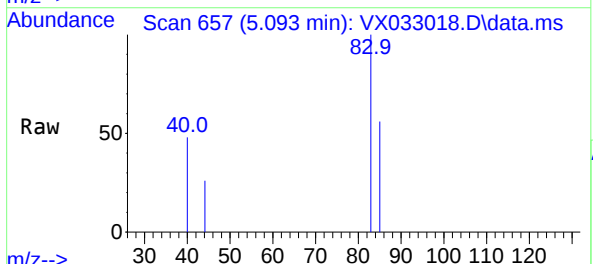
Ion	Ratio	Lower	Upper
84	100		
49	77.0	101.0	151.6#
51	30.9	31.1	46.7#
86	0.0	52.3	78.5#

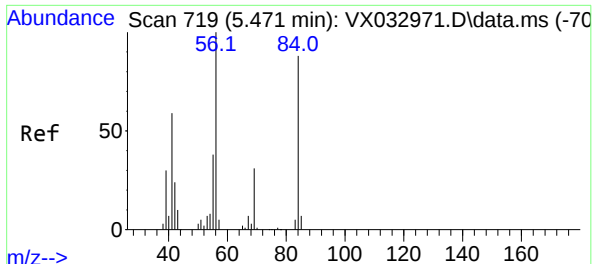


#30
Chloroform
Concen: 0.228 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX033018.D
Acq: 23 Nov 2022 14:39

Tgt Ion: 83 Resp: 545

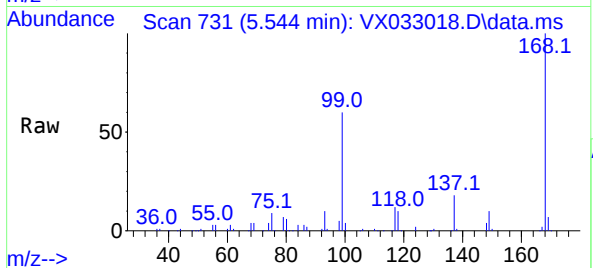
Ion	Ratio	Lower	Upper
83	100		
85	56.5	51.1	76.7



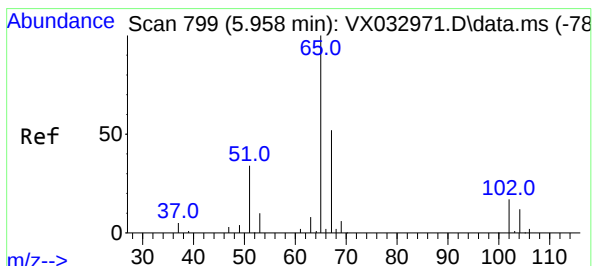
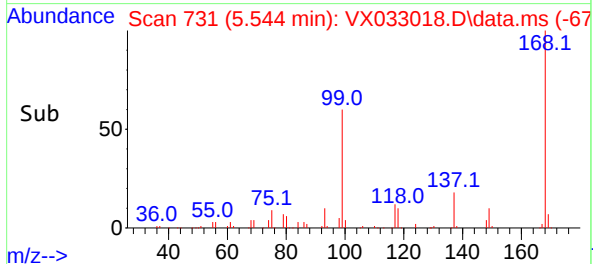
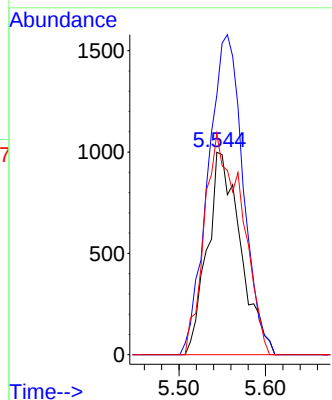


#31
Cyclohexane
Concen: 1.388 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX033018.D
Acq: 23 Nov 2022 14:39

Instrument :
MSVOA_X
ClientSampleId :
TT158S1-20221118

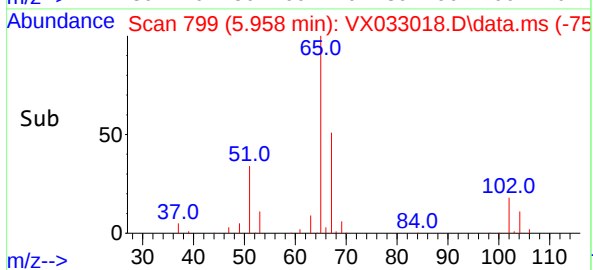
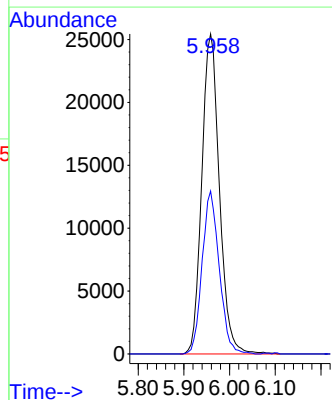
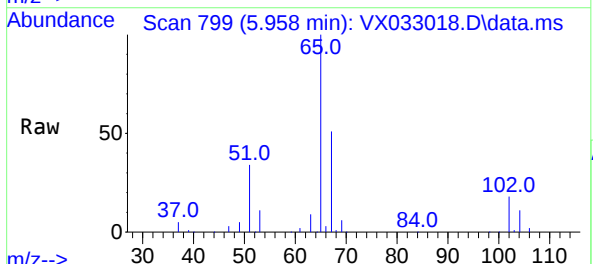


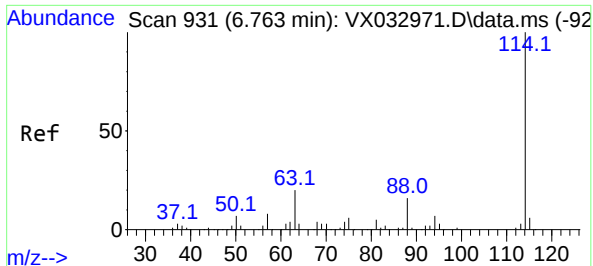
Tgt Ion: 56 Resp: 2664
Ion Ratio Lower Upper
56 100
69 128.2 24.1 36.1#
84 109.3 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 57.926 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033018.D
Acq: 23 Nov 2022 14:39

Tgt Ion: 65 Resp: 68268
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX033018.D

Acq: 23 Nov 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

TT158S1-20221118

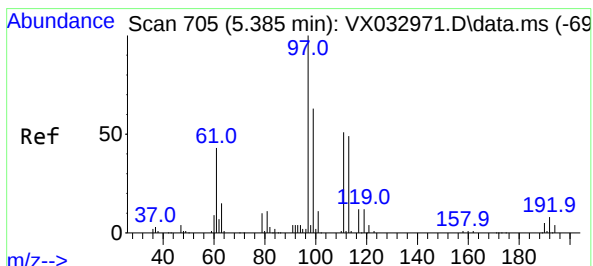
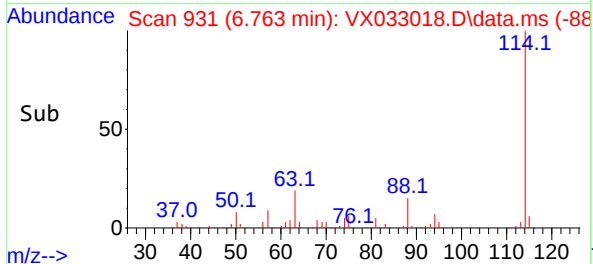
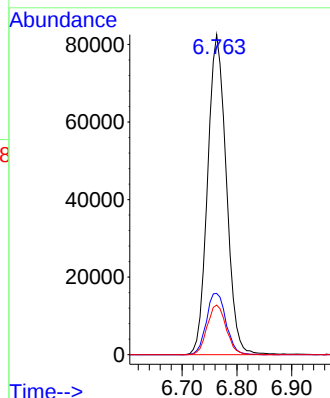
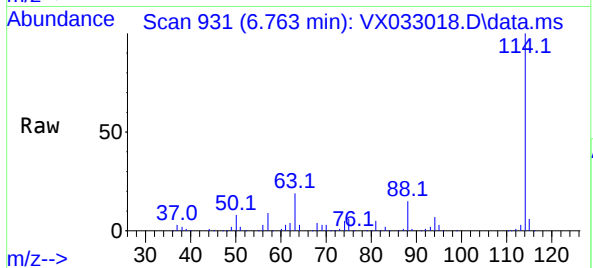
Tgt Ion:114 Resp: 194814

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.6

88 15.5 0.0 33.4



#35

Dibromofluoromethane

Concen: 48.649 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX033018.D

Acq: 23 Nov 2022 14:39

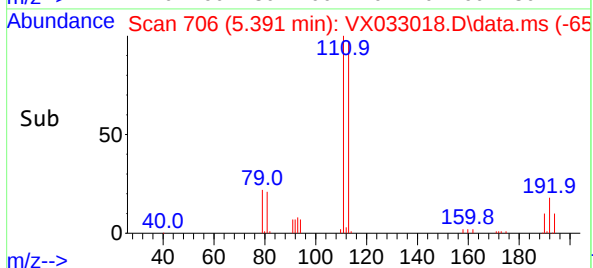
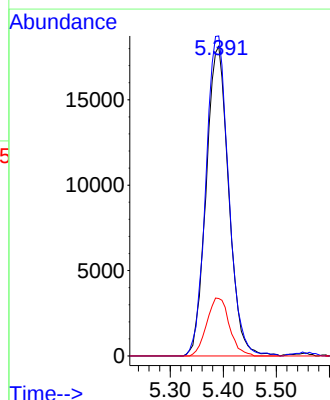
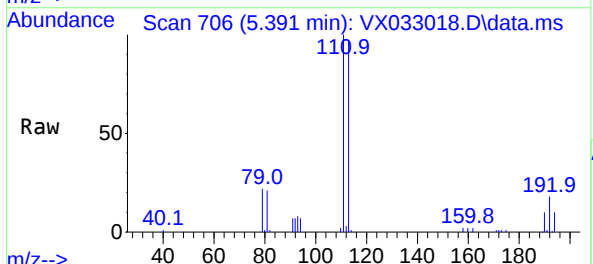
Tgt Ion:113 Resp: 53431

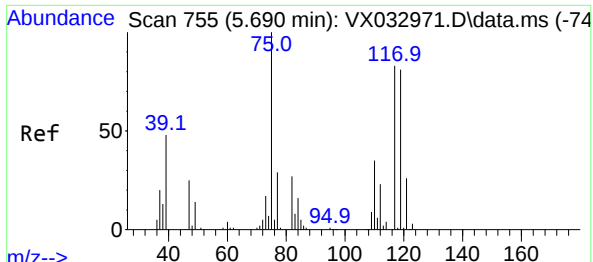
Ion Ratio Lower Upper

113 100

111 104.4 82.4 123.6

192 18.8 15.4 23.2



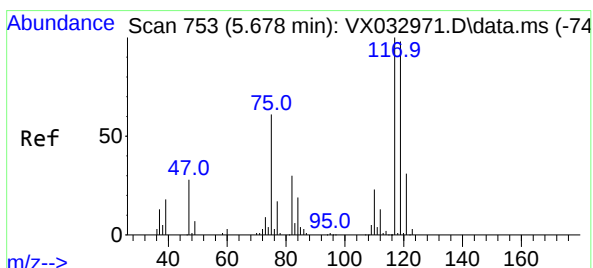
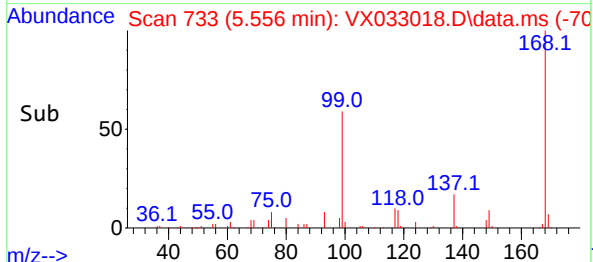
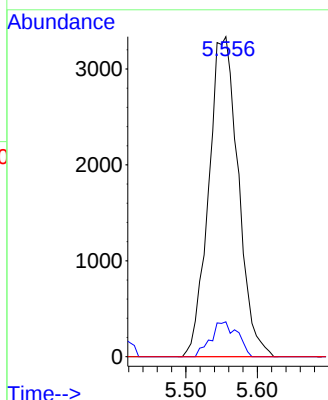
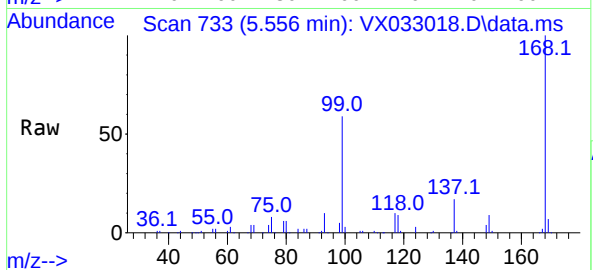


#36
 1,1-Dichloropropene
 Concen: 5.449 ug/l
 RT: 5.556 min Scan# 711
 Delta R.T. -0.140 min
 Lab File: VX033018.D
 Acq: 23 Nov 2022 14:39

Instrument : MSVOA_X
 ClientSampleId : TT158S1-20221118

Tgt Ion: 75 Resp: 9570

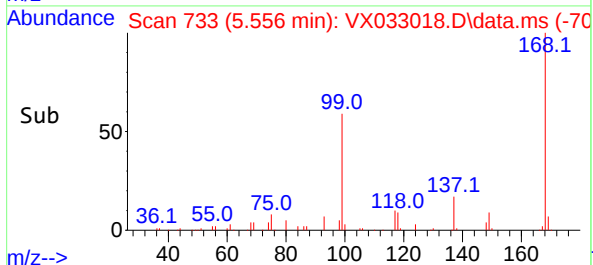
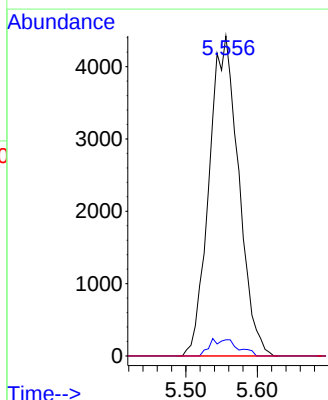
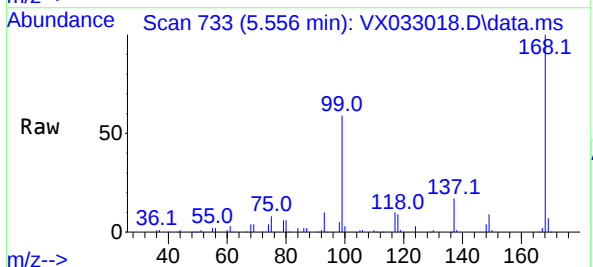
Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.4	55.2#
77	0.0	24.5	36.7#

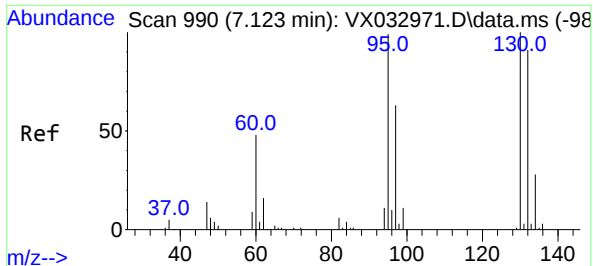


#38
 Carbon Tetrachloride
 Concen: 6.519 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.128 min
 Lab File: VX033018.D
 Acq: 23 Nov 2022 14:39

Tgt Ion: 117 Resp: 12700

Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.2	115.8#
121	0.0	25.8	38.6#

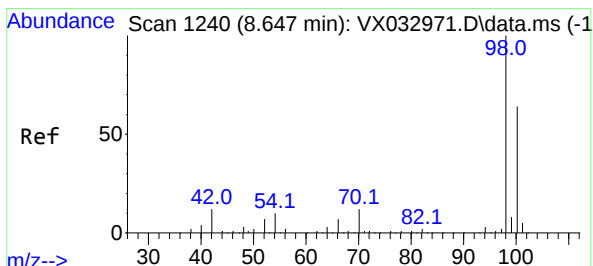
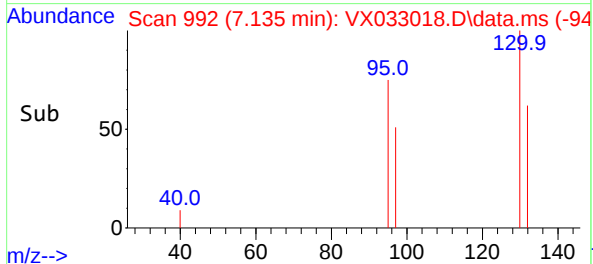
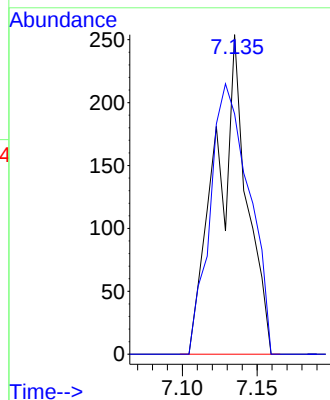
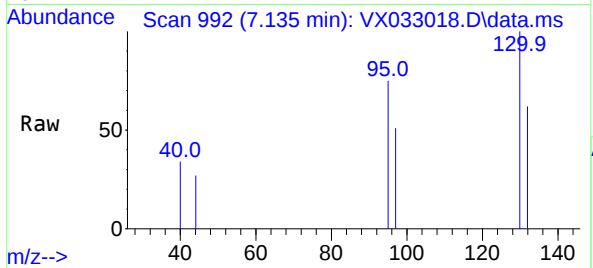




#44
Trichloroethene
Concen: 0.263 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX033018.D
Acq: 23 Nov 2022 14:39

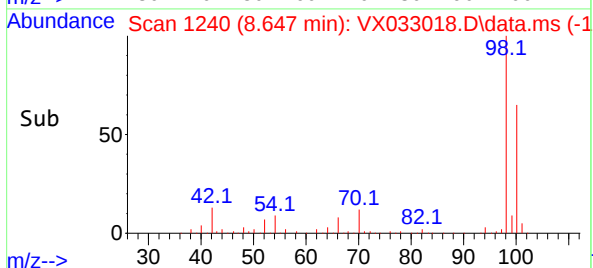
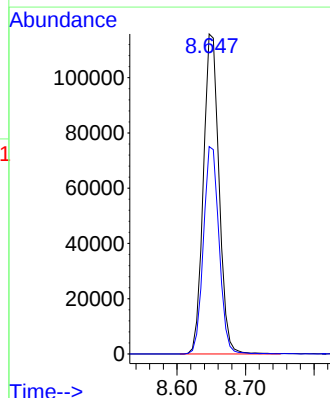
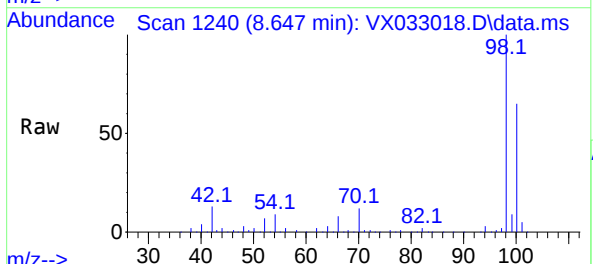
Instrument :
MSVOA_X
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TT158S1-20221118

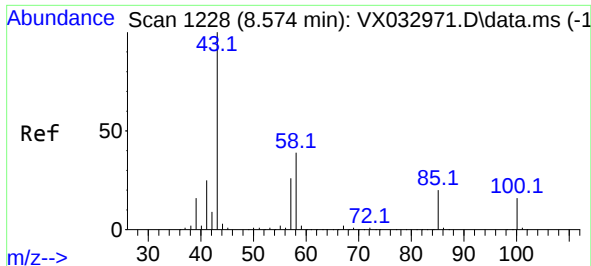
Tgt Ion:130 Resp: 364
Ion Ratio Lower Upper
130 100
95 75.2 0.0 195.2



#50
Toluene-d8
Concen: 56.092 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033018.D
Acq: 23 Nov 2022 14:39

Tgt Ion: 98 Resp: 184491
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3

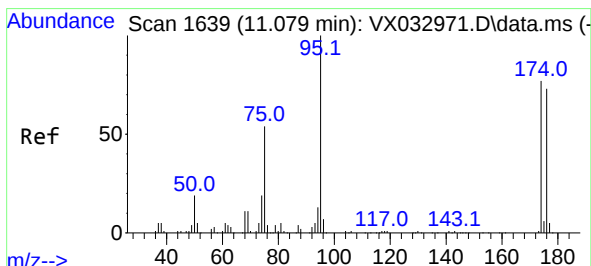
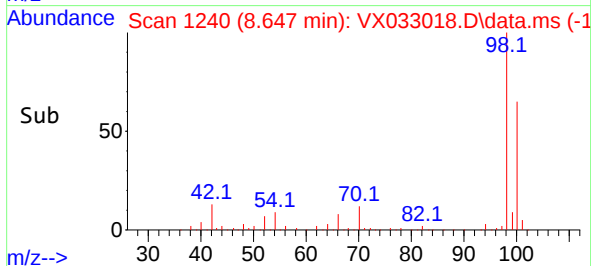
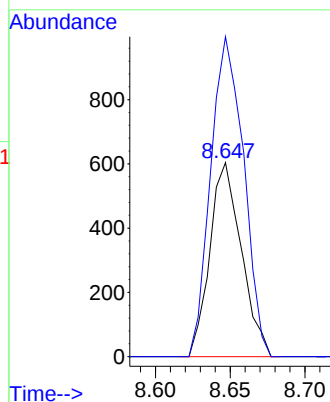
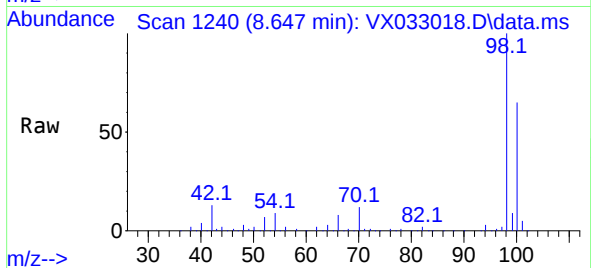




#51
4-Methyl-2-Pentanone
Concen: 0.567 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX033018.D
Acq: 23 Nov 2022 14:39

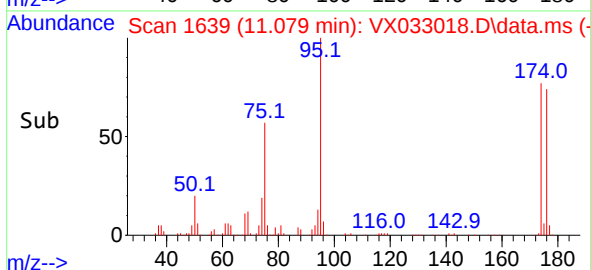
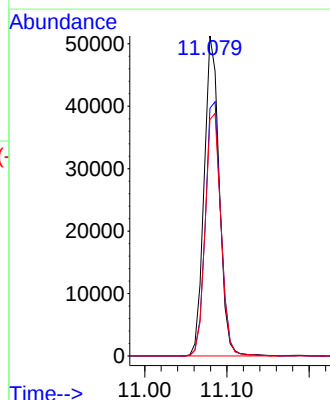
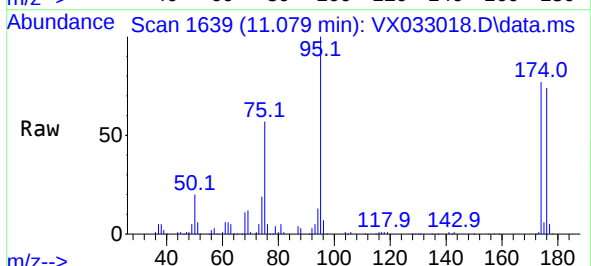
Instrument :
MSVOA_X
ClientSampleId :
TT158S1-20221118

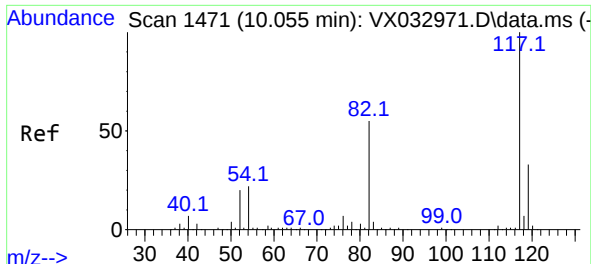
Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
58 172.3 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 45.269 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033018.D
Acq: 23 Nov 2022 14:39

Tgt Ion: 95 Resp: 65310
Ion Ratio Lower Upper
95 100
174 81.6 0.0 164.0
176 79.0 0.0 154.4

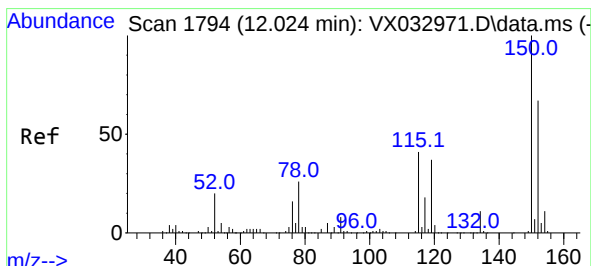
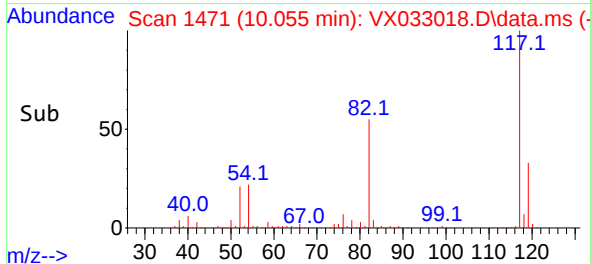
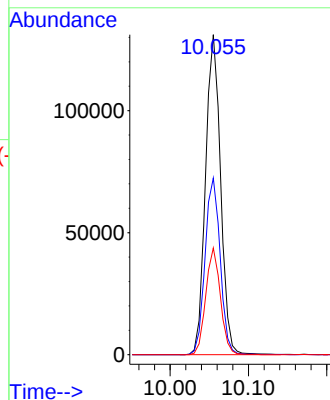
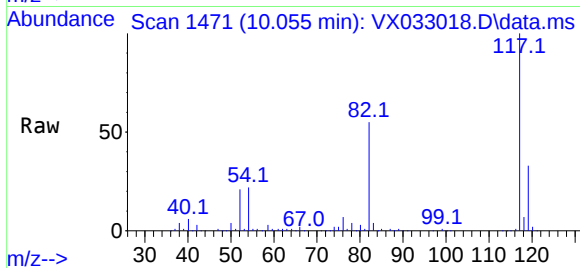




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033018.D
Acq: 23 Nov 2022 14:39

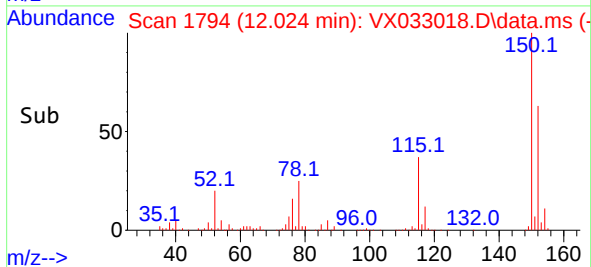
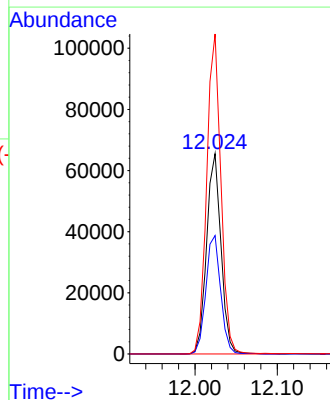
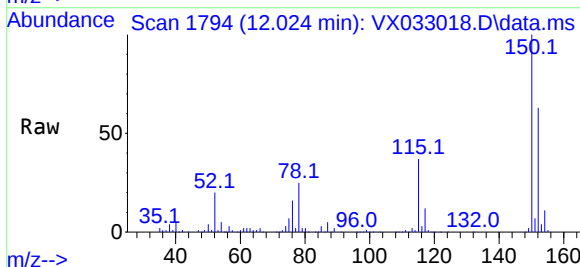
Instrument :
MSVOA_X
ClientSampleId :
TT158S1-20221118

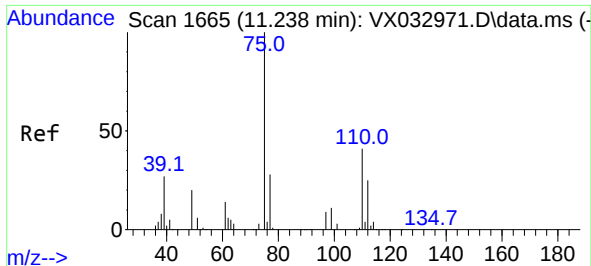
Tgt Ion:117 Resp: 174835
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 33.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033018.D
Acq: 23 Nov 2022 14:39

Tgt Ion:152 Resp: 79774
Ion Ratio Lower Upper
152 100
115 60.8 44.0 132.0
150 157.6 0.0 351.8

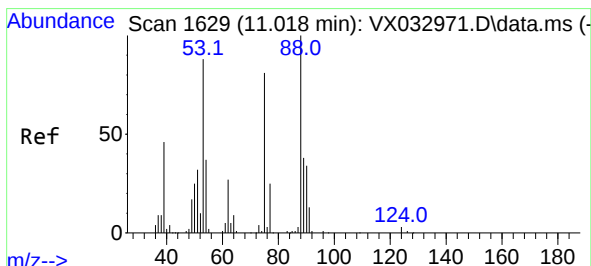
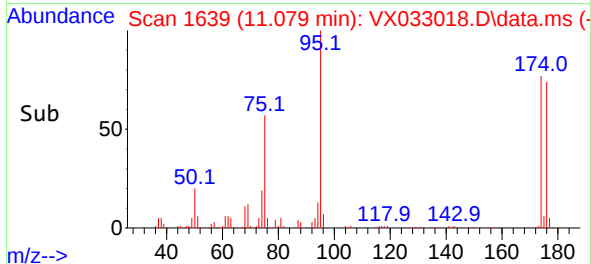
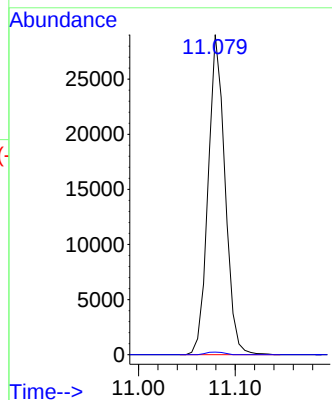
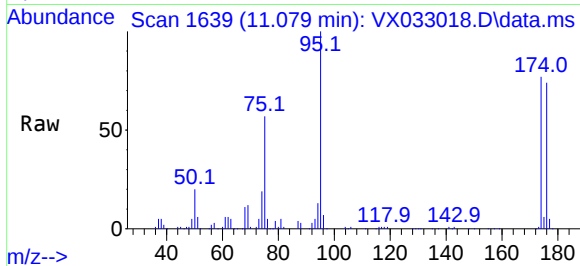




#76
1,2,3-Trichloropropane
Concen: 23.353 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033018.D
Acq: 23 Nov 2022 14:39

Instrument :
MSVOA_X
ClientSampleId :
TT158S1-20221118

Tgt Ion: 75 Resp: 35281
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.907 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033018.D
Acq: 23 Nov 2022 14:39

Tgt Ion: 75 Resp: 35281
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

